

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)  
CALIFORNIA CITRUS ADVISORY COMMITTEE (CCAC)**

**Meeting Minutes  
Teleconference  
May 23, 2007**

**Members Attending**

Brett Kirkpatrick  
Robert LoBue  
Nick Hill  
Ron Matik  
Etienne Rabe  
Kevin Severns  
Damon Corey  
John Eliot  
James Sherwood

**CDFA Representatives**

Kevin Masuhara  
Stacey Hughes  
Shastitie Ferris-Miller  
Steve Patton

**ITEM 1: ROLL CALL**

Chairman Brett Kirkpatrick called the meeting to order at 9:05 a.m. Mr. Kevin Masuhara called roll. A quorum was established.

**ITEM 2: REVENUE REPORT AND FUND BALANCE**

***A copy of California Citrus Program Revenue Report and Fund Condition is attached to these minutes and labeled as EXHIBIT A.***

As of April 30, 2007, the total contract amounts and administrative expenses, including augmentations proposed at this meeting, total \$1,721,151. Resources, including Ag Fund, Bank of America, and estimated remaining revenue are \$2,084,025. This leaves an operating reserve of \$362,874.

**ITEM 3: COUNTY INSPECTION RESULTS UPDATE**

**A. EXPENSES FOR APRIL 1 – APRIL 30, 2007**

***The 2007 Freeze Inspection Expenditure Progress Report, labeled as EXHIBIT B, and the Maturity and Freeze Contract Summary, labeled as EXHIBIT C, are attached to these minutes.***

As of April 30, 2007, FY 2006-07 freeze inspection expenses are \$881,865 and total expenses, including those for maturity inspections, are \$1,226,139.

**MOTION:** Mr. Kevin Severns moved to approve the contract amendments as submitted. Dr. Etienne Rabe seconded. The motion passed unanimously.

#### B. CONTINUE FREEZE INSPECTIONS

**MOTION:** Mr. Robert LoBue moved to authorize the counties to continue freeze inspection as needed. Mr. James Sherwood seconded. The motion passed unanimously.

#### **ITEM 4: VOLUME CUT SURVEY RESULTS**

***A copy of the Freeze Cutting Study on Valencia Oranges is attached to these minutes and labeled as EXHIBIT D.***

This study was conducted to determine the effectiveness of utilizing the volume cut to inspect Valencia oranges for freeze damage. A sample of one thousand (1,000) Valencia oranges was inspected using three methods (segment cut, transverse cut, and volume cut) on each piece of fruit. The volume cut was determined to be unreliable in scoring freeze damage when compared to the segment and transverse cuts.

Segment cuts are thought to be more effective for evaluating oranges with early stages of freeze damage but are less cost effective. As the fruit dries out, transverse cuts become equally reliable; therefore, the better option. On Monday, April 30, 2007, Date A was declared, allowing either a segment or transverse cut to be utilized. By law, Date B must be declared no later than twenty-one (21) days after Date A, in which only transverse cuts can be used. Monday, May 21, 2007, Date B was declared.

Chairman Kirkpatrick requested future discussion regarding separating Navel and Valencia oranges when determining Date A and Date B, as well as the type of cuts performed.

#### **ITEM 5: Other Business**

Mr. Masuhara announced his acceptance of a job elsewhere within the California Department of Food and Agriculture, assuming new duties as of June 1, 2007. There will be a transition period allowing Mr. Masuhara to stay involved in the Citrus Program.

**ITEM 6: NEXT MEETING**

The next meeting is tentatively scheduled for June 19, 2007, with an alternate date of June 26, 2007 at 9 a.m. An email will be sent out with the finalized information.

**ITEM 7: ADJOURNMENT**

The committee adjourned at 10:15 a.m.

Respectfully submitted by:

Kevin Masuhara, Program Supervisor  
Inspection and Compliance Branch  
Inspection Services

KM/sfm

California Citrus Program  
Revenue Report and Fund Condition  
As of April 30, 2007

Ag Fund Balance	\$ 1,009,635
Bank of America	1,028,390
* Estimated Remaining Revenue	46,000
Total Resources	\$ 2,084,025

Expenditures	
County Maturity Contracts	493,832
Freeze Inspection Contracts	961,319
County Contracts-Subtotal	\$ 1,455,151
Ag. Statistics	266,000
Total Expenses	\$ 1,721,151

Operating Reserve \$ 362,874

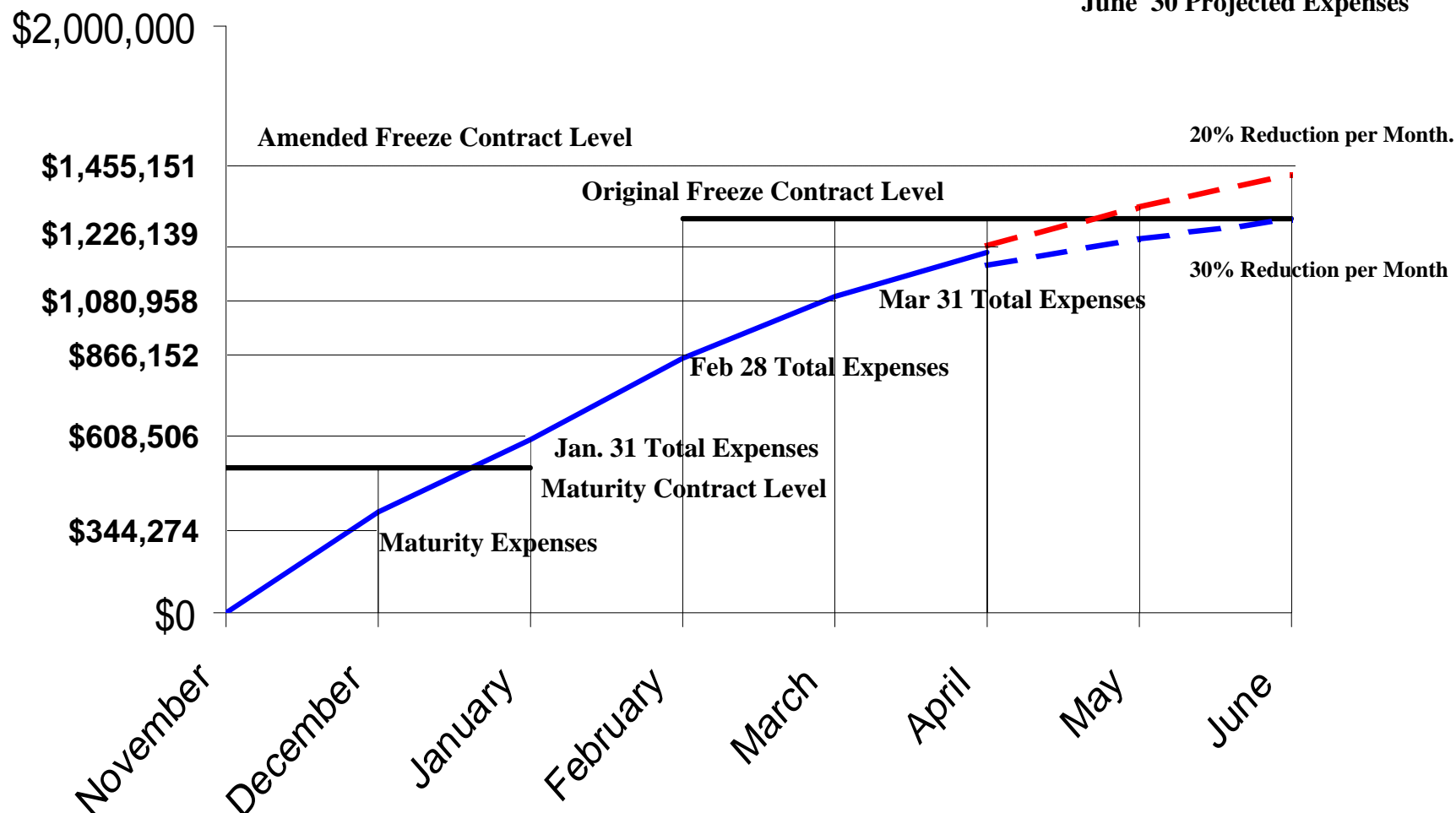
\* Estimate was calculated using 30% of the prior year May and June container amounts.  
Estimated container amounts are as follows:

Navels	5.0 million
Valencias	1.4 million
Lemons	1.3 million
Mandarins	0.0 million

# 2007 Freeze Inspection Expenditure Progress Report

Through April 30, 2007

June 30 Projected Expenses



## MATURITY AND FREEZE CONTRACT SUMMARY

As of April 30, 2007

County	Maturity Contract Amounts	Freeze Contract Amounts with 2nd amendments included	Total Contract	Total Maturity Expense	Freeze Expense as of April 30th	Total Expenses to Date	Percent of Total Contract Expended	Estimated Balance of Contracts as of April 30th
Fresno	\$ 150,998	\$ 221,607	\$ 372,605	\$ 107,691	\$ 223,187	\$ 330,878	88.8%	\$ 41,727
Kern	98,322	139,081	237,403	61,743	136,895	198,638	83.7%	38,765
Riverside	19,318	82,146	101,464	19,318	78,253	97,571	96.2%	3,893
San Bernardino	13,168	-	13,168	1,551	7,843	9,394	71.3%	3,774
Santa Clara	5,057	17,952	23,009	4,352	17,785	22,137	96.2%	872
Tulare	185,698	462,254	647,952	142,601	374,969	517,570	79.9%	130,382
Ventura	21,271	38,279	59,550	7,018	42,933	49,951	83.9%	9,599
<b>Totals</b>	<b>\$ 493,832</b>	<b>\$ 961,319</b>	<b>\$ 1,455,151</b>	<b>\$ 344,274</b>	<b>\$ 881,865</b>	<b>\$ 1,226,139</b>	<b>84.3%</b>	<b>\$ 229,012</b>

## By Month

January	Expenses	February	Expenses	March	Expenses	April	Expenses
Fresno	\$42,628.88	Fresno	\$70,653.92	Fresno	\$58,154.70	Fresno	\$51,749.21
Kern	\$36,208.34	Kern	\$52,084.76	Kern	\$30,238.50	Kern	\$18,363.11
Riverside	\$24,756.76	Riverside	\$33,405.28	Riverside	\$13,819.80	Riverside	\$6,270.92
San Bernardino	\$3,419.20	San Bernardino	\$1,434.84	San Bernardino	\$1,864.92	San Bernardino	\$1,124.38
Santa Clara	\$2,361.62	Santa Clara	\$3,244.73	Santa Clara	\$6,719.64	Santa Clara	\$5,458.93
Tulare	\$113,781.00	Tulare	\$105,363.00	Tulare	\$96,358.50	Tulare	\$59,466.50
Ventura	\$20,271.71	Ventura	\$12,583.36	Ventura	\$7,232.66	Ventura	\$2,845.38
<b>Totals</b>	<b>\$243,427.51</b>	<b>Totals</b>	<b>\$278,769.89</b>	<b>Totals</b>	<b>\$214,388.72</b>	<b>Totals</b>	<b>\$145,278.43</b>

## FREEZE CUTTING STUDY ON VALENCIA ORANGES

TOTALS	SAMPLE SIZE	SCORABLE DAMAGE W/ SEGMENT CUT	SCORABLE DAMAGE W/ TRANSVERSE CUT	SCORABLE DAMAGE W/ VOLUME CUT	NO SCORABLE DAMAGE
ALL SAMPLES	<b>1000</b> (10 X 100)	<b>36%</b>	<b>26%</b>	<b>13%</b>	<b>62%</b>

**SEGMENT CUT:** two sides of two segments

**TRANSVERSE CUT:** center cut, one side greater than 20% damage

**VOLUME CUT:** four sides totalling greater than 20% damage

**OBSERVATIONS:**

- \* Study data derived from 10 separate samples of 100 oranges each, from four different counties
- \* All three methods of cuts were performed on each orange.
- \* Results of sample show clearly that the segment cut is the most restrictive at the current stage of damage progression (even though some segments are difficult to separate and even tear during testing) This is the most effective cut.
- \* The transverse cut is the second most effective, if a significant amount of drying was apparent.
- \* The volume cut proved to be the least restrictive. Although four surfaces of the center section of the orange are examined with a volume cut, it does not allow for scoring damage on one side (stem end) of the orange.
- \* Based on data collected during the study, it does not appear that a regulation change to allow the use of a different cut to determine acceptable amount of freeze damage would result in a higher quality standard.